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As editors of a textbook centering around ethical research practices, we believe that higher quality research first comes by acknowledging biases within the research process, both covert and overt. The ability and opportunity to engage in research is a social privilege and carries many associated costs for actually conducting research and having the free time to write and publish papers. The behavior analytic field is composed primarily of practitioners, many of whom dedicate their careers towards improving the lives of others.

Editor



SHAWN P. QUIGLEY, Ph.D., BCBA-D, CDE®

Authors



JILL M. HARPER, Ph.D., LABA, BCBA-D, CDE®



JAMES K. LUISELLI, Ed.D., ABPP, BCBA-D

Research Ethics in Behavior Analysis

From Laboratory to Clinic and Classroom



Edited by David J. Cox, Noor Y. Syed, Matthew T. Brodhead, and Shawn P. Quigley

Chapter 8

Conducting research in applied settings: Aligning research and applied goals

Jill M. Harper

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Conducting research in applied settings: aligning research

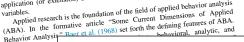
Belmont Report (1979).

Ethical principle

Respect for person Individuals are Individuals with decr should be protected

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with applied goals Behavior analysis is both a science and a professional practice with a shared foundation of theory and methodology. As a science, behavior analytic research focuses on the study of principles of learning though interactions between the environment and behavior. Research in behavior analysis exists on a continuum from basic to applied, with each domain lending to the evolution of the science and practice (Epling & Pierce, 1986). Behavior analytic research is categorized as basic or applied not by the location in which it is conducted (e.g., laboratory vs. applied setting) but rather by the way in which the specific variables under study are selected (Baer et al., 1968). In an oversimplification, basic research helps to answer questions derived from theories of learning through carefully selected variables while applied research is defined by the application (or extension) and analysis of the science to socially significant variables.



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Edited by

David J. Cox nstitute for Behavioral Studies, Endicott College, Beverly, MA, United States

Noor Y. Syed

SUNY Empire State College and the Center for Autism Advocacy: Research, Education, and Supports, Saratoga Springs, NY, United States; Anderson Center International, Staatsburg, NY, United States; Endicott College, Beverly, MA, United States

| Matthew T. Brodhead |
|---|
| Department of Counseling, Educational Psychology, and Special |
| Education, Michigan State University, East Lansing, MI, United St |
| |

Shawn P. Quigley Melmark, Andover, MA, United States; Berwyn, PA, United States; Charlotte, NC, United States



Science is the best but an imperfect approach to knowledge generation, and replication is a means of controlling for imperfected scientific methods. Unfortunately, the perceived value of replication appears to be diminished by reverence for novel and sensational findings. When these misplaced values occur in the context of publication bias, inaccurate research findings can accumulate.

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Lack of knowledge on what is ethical/ unethical ournals typically publish articles related to defining-or challenging existing

Consult scientific communities' guidelines including conflicts of interests, authorship, inaccurate reporting, plagiarism, self-plagiarism, and piecemeal publication: eading recommendation: APA M or Publication 7th edition (2020). with explicit discussion of how the work contributes to fundamental knowl-edge of behavioral principles. Conceptual journals in behavior analysis (e.g., *Perspectives on Behavior Science*) do not require original data but demand strong contributions to conceptual issues of contemporary importance; these

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